

Certificate of Analysis

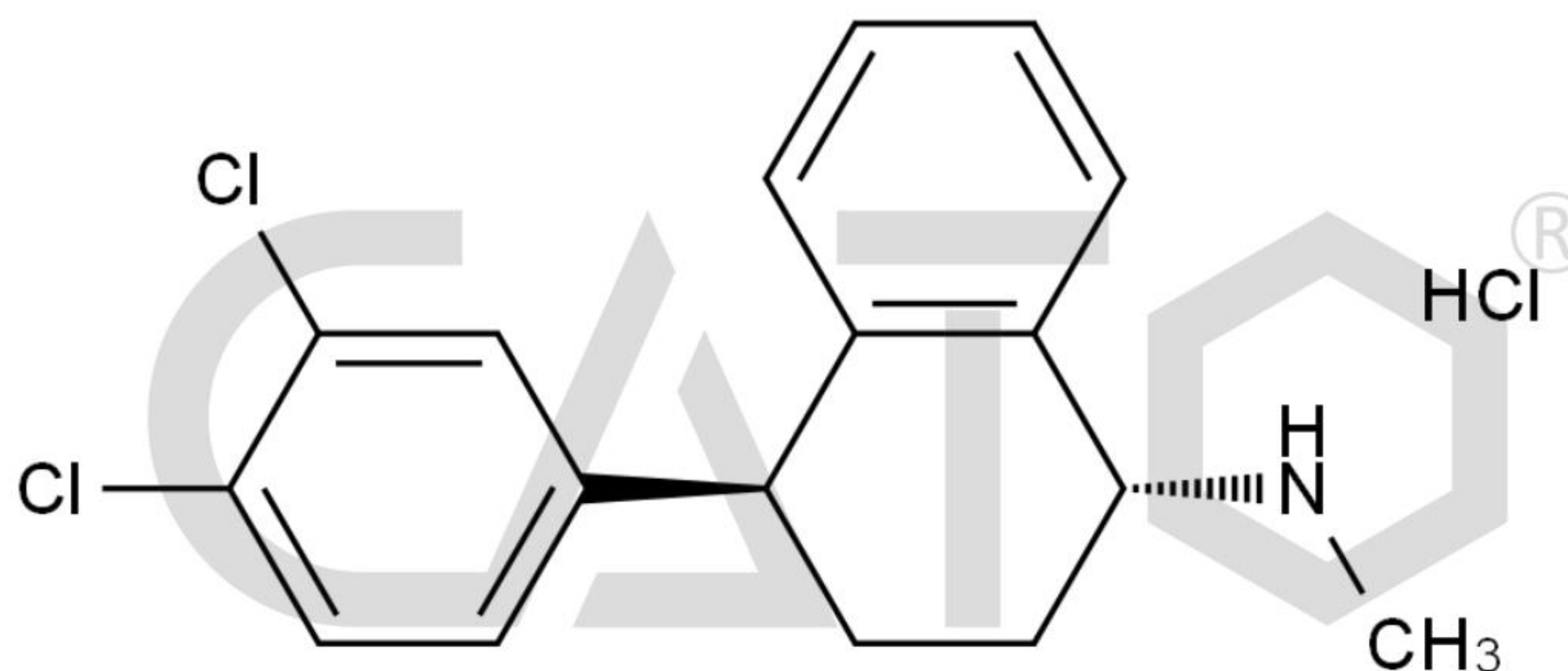
Reference Material & Standard

Product Name:	Sertraline EP Impurity A HCl (1R,4S-Isomer)	Catalogue Number:	C4X-13441
Synonyms:	N/A	Lot Number:	0326-RG-0044
CAS Number:	79896-32-5	Expiry Date:	Jan 12, 2028
Molecular Formula:	C ₁₇ H ₁₇ Cl ₂ N HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	306.23 36.46	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.1495%
Loss on Drying	TGA	0.250%
Specific Rotation		[α] _D 20.0(c=1.053,CH ₃ OH): +38.72°
Assay		98.9%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 11, 2026

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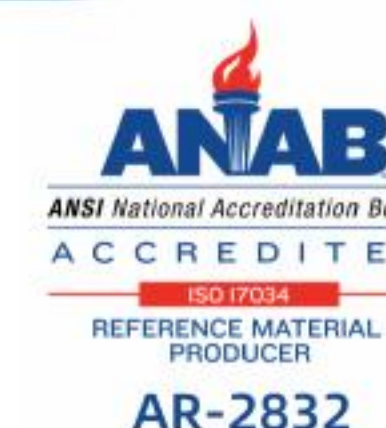
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